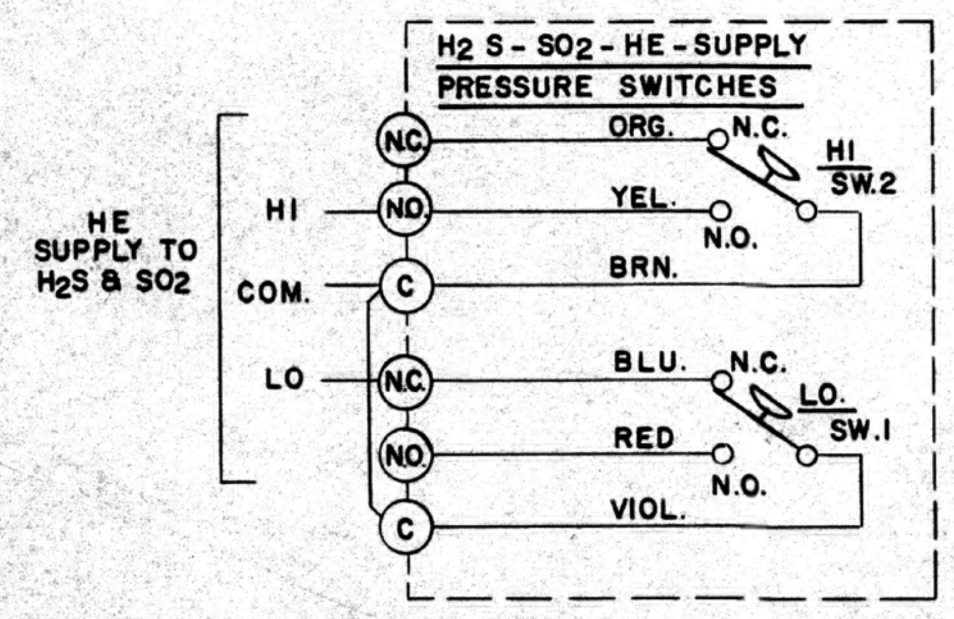
8 7 6 5 4 3 2 1

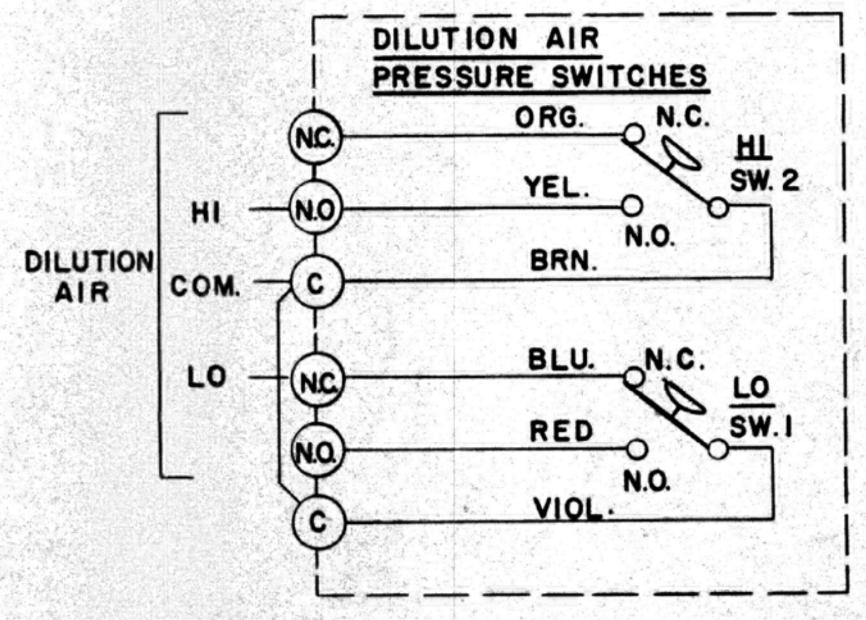
REVISIONS

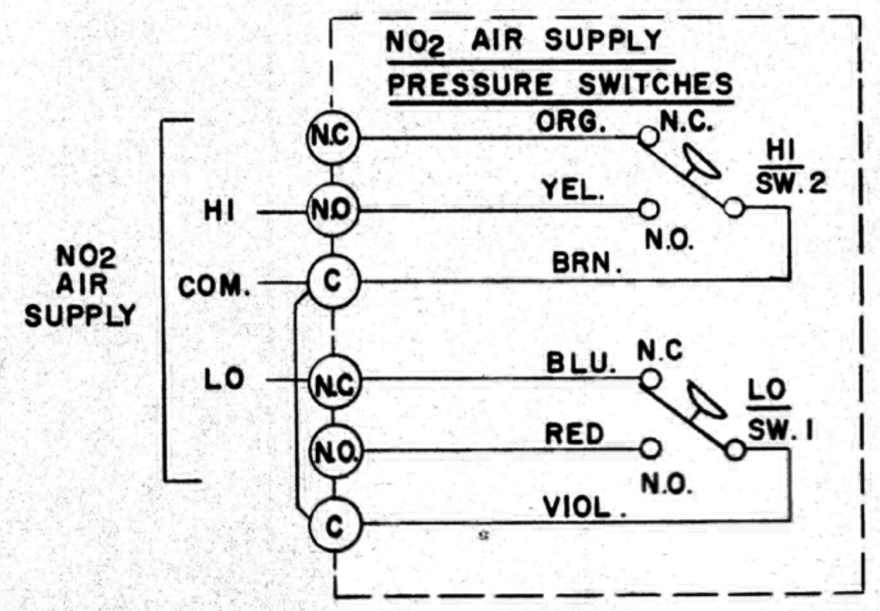
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	UNIT CHANGED FROM KINTEK TO BENDIX	4-27-72	C E A
	B	REVISED PRESSURE SWITCH WIRING	5-17-72	CEA
	C	REVISED PRESSURE SWITCH WIRING C/N 5079	9-11-72	CEA
	D	DWG REDRAWN	9-12-72	CEA

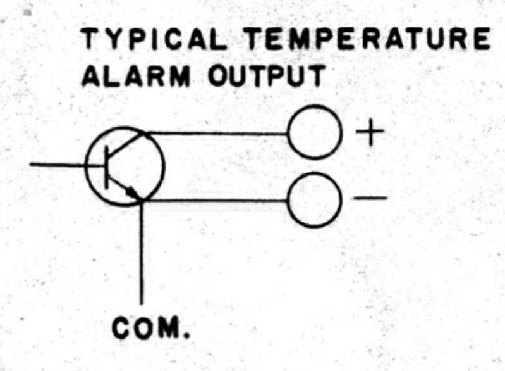
D
C
B
POWER IN 115 VAC 2 AMP
HOT
NEUT.
GND.
F1 2 AMP
FAN
F2 1 AMP
F3 1 AMP
F4 1 AMP
10K 5% 1W
L.E.D.
IN2484
MR754 4 EACH
GRN
YEL
CR2
CR3
CR4
CR5
10000 MFD EACH
C4
C5
C6
C7
C2 50 MFD
C3 50 MFD
R7 510
R8 510
CR1 IN823 6.2V
R1 2500 .1%
R2 5000 .1%
R22 S.AT.
R3 11K
R26 S.AT.
R6 800 .1%
100Ω POT.
R15
TEMP. ADJ.
R4 12.7K
R6 .100
C1 .02
R10 5.1M
R11 2.4 M
741
2
3
4
6
7
R17 6200
Q7
2N3569
Q8 2N3569
1K R20
C8 C9 6.8
Q9
R18 1K
R19 2K
R21 3K
R12 1K
Q3 MJE521
Q1
2N3569
2N 3638A
Q2
Q4 MJE371
R14 22 2W
10 R25
Q5 2N1540
R23 5Ω 10W
5Ω 10W R24
R13 1K
R16 22 2W
Q6 2N3055
COM
COM.
R21 20K 1%
R15 .2Ω 5W
SO TEMP. ALARM
1 +
2 −
M1 50-0-50 μA
BLK (SHORTEST LEAD)
RED (SHORTEST)
RED (LONG)
BLK (LONG)
BLK (LONGEST)
THERMO ELECTRIC COOLERS
+ RED (LONGEST)
RT 400Ω @ 0°C
SO2 OVEN
H2S TEMP. ALARM
3 +
4 −
M2 50-0-50μA
H2S OVEN
NO2 TEMP. ALARM
5 +
6 −
M3 50-0-50μA
NO2 OVEN

S.A.T. - SET AT TEST


H2 S - SO2 - HE - SUPPLY PRESSURE SWITCHES
HE SUPPLY TO H2S & SO2
HI
COM.
LO
N.C.
N.O.
C
ORG.
YEL.
BRN.
BLU.
RED
VIOL.
HI SW.2
LO. SW.1


DILUTION AIR PRESSURE SWITCHES
DILUTION AIR
HI
COM.
LO
N.C.
N.O.
C
ORG.
YEL.
BRN.
BLU.
RED
VIOL.
HI SW. 2
LO SW.1


NO2 AIR SUPPLY PRESSURE SWITCHES
NO2 AIR SUPPLY
HI
COM.
LO
N.C.
N.O.
C
ORG.
YEL.
BRN.
BLU.
RED
VIOL.
HI SW. 2
LO SW. 1


TYPICAL TEMPERATURE ALARM OUTPUT
+
−
COM.

REQD DASH-3	REQD DASH-2	REQD DASH-1	PART NUMBER	ITEM	DESCRIPTION	NOTES & REF DESIGNATIONS

LIST OF MATERIAL

DASH NO.	NEXT ASSY	USED ON
	APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES:
DECIMALS ± FRACTIONS ± ANGLES ±
MATERIAL

CONTRACT NO.
DEC 4 1972
D MEL 9-12-72
C CEA 10/3/72
A
A

The Bendix Corporation
Process Instruments Division
Ronceverte, West Virginia

SCHEMATIC, PERMEATION SYSTEM G.E.

SIZE D
CODE IDENT NO
28265-D
SCALE
WT CALC ACT
SHEET

BRUNING 44-131 —